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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Gustafsson et al.

Attorney Docket No.:

Application No.: 10/629,351

MXGNP004X1/0311.310

Filed: July 29, 2003

Examiner: Skibinsky, Anna

Title: METHODS, SYSTEMS, AND SOFTWARE  
FOR IDENTIFYING FUNCTIONAL  
BIOMOLECULES

Group: 1631

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**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile to fax number 571-273-8300, attention Examiner Skibinsky, Anna, at the U.S. Patent and Trademark Office on September 15, 2006

Signed: 

Leslie Russell

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

09/18/2006 TL0111 00000053 500388 10629351

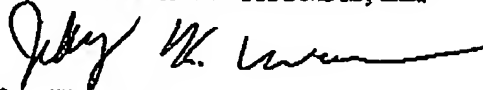
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Accompanying this Information Disclosure Statement is

- ☐ a statement as specified in 37 CFR 1.97(e); or  
☒ the fee set forth in 37 CFR 1.17(p).

The Commissioner is hereby authorized to charge \$180.00 in payment of the Information Disclosure Statement Fee to Deposit Account 500388 (Order No. MXGNP004X1).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

  
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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	MXGNP004X1/0311.310	10/629,351
	Applicant:	
	Gustafsson et al.	
	Filing Date	Group
	July 29, 2003	1645

### U.S. Patent and Publication Documents

Examiner Initial	No.	Patent or Pub No.	Date	Patentee	Class	Sub-class	Filing Date
	A1						
	A2						

### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1							

### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Eroshkin et al., "PROANAL version 2: Multifunctional Program for Analysis of Multiple Protein Sequence Alignments and for Studying the Structure-Activity Relationships in Protein Families," Comput. Appl. Biosci., vol. 11, no. 1, pages 39-44, 1995
	C2	Eroshkin et al., "Algorithm and Computer Program Pro_Anal for Analysis of Relationship Between Structure and Activity in a Family of Proteins or Peptides," Comput. Appl. Biosci., vol. 9, no.5, pages 491-497, 1993
	C3	Ivanisenko, V.A. and Eroshkin, A.M., "Search For Sites With Functionally Important Substitutions In Sets Of Related Or Mutant Protein," Mol. Biol. (Moscow), 31, pages 749-755, 1997
	C4	
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.